

# MECHANISM OF LACTOSE SYNTHESIS, REGULATION, BIOMEDICAL ROLE, DEREGULATION AND TREATMENT

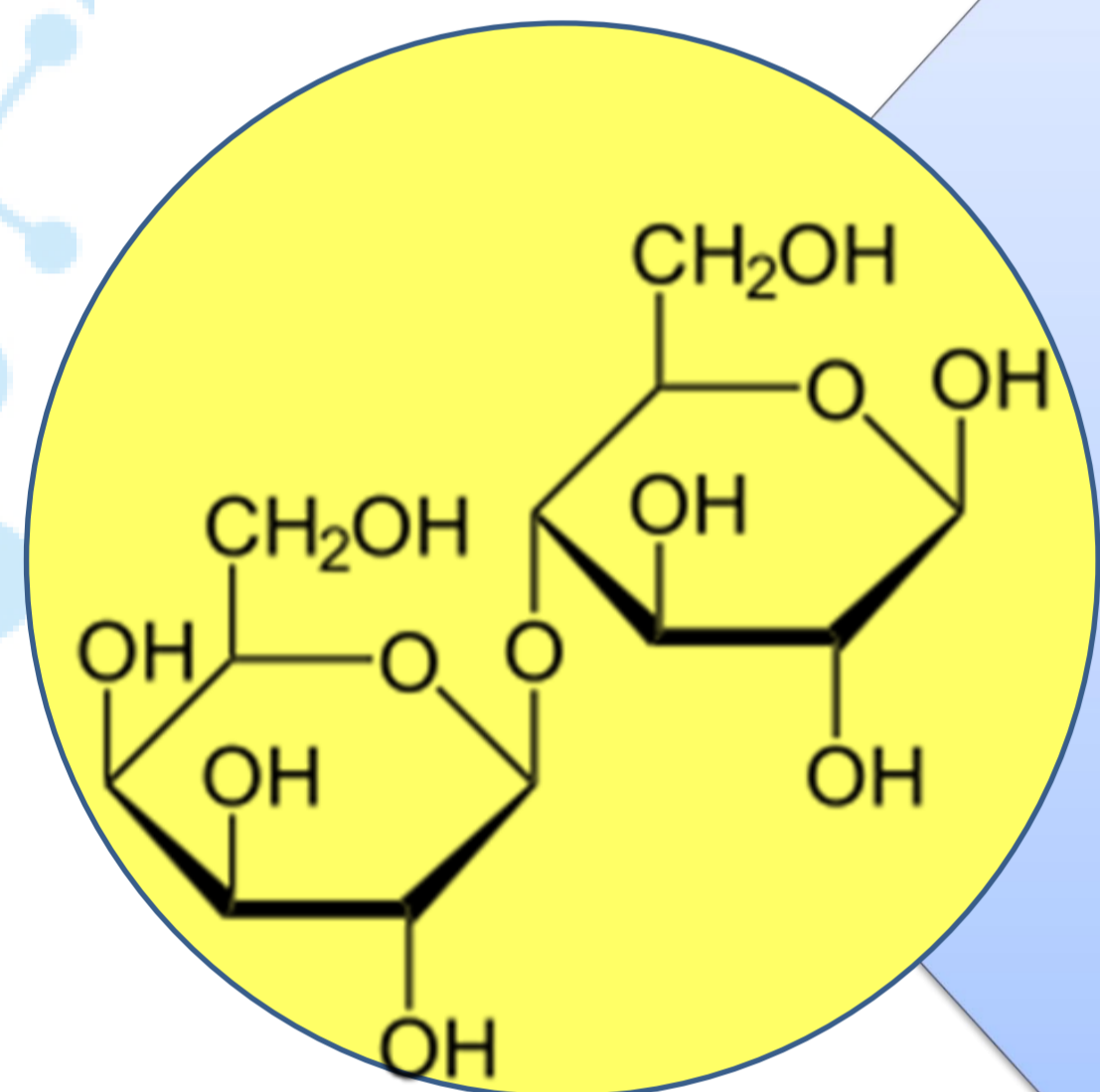
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## Introduction

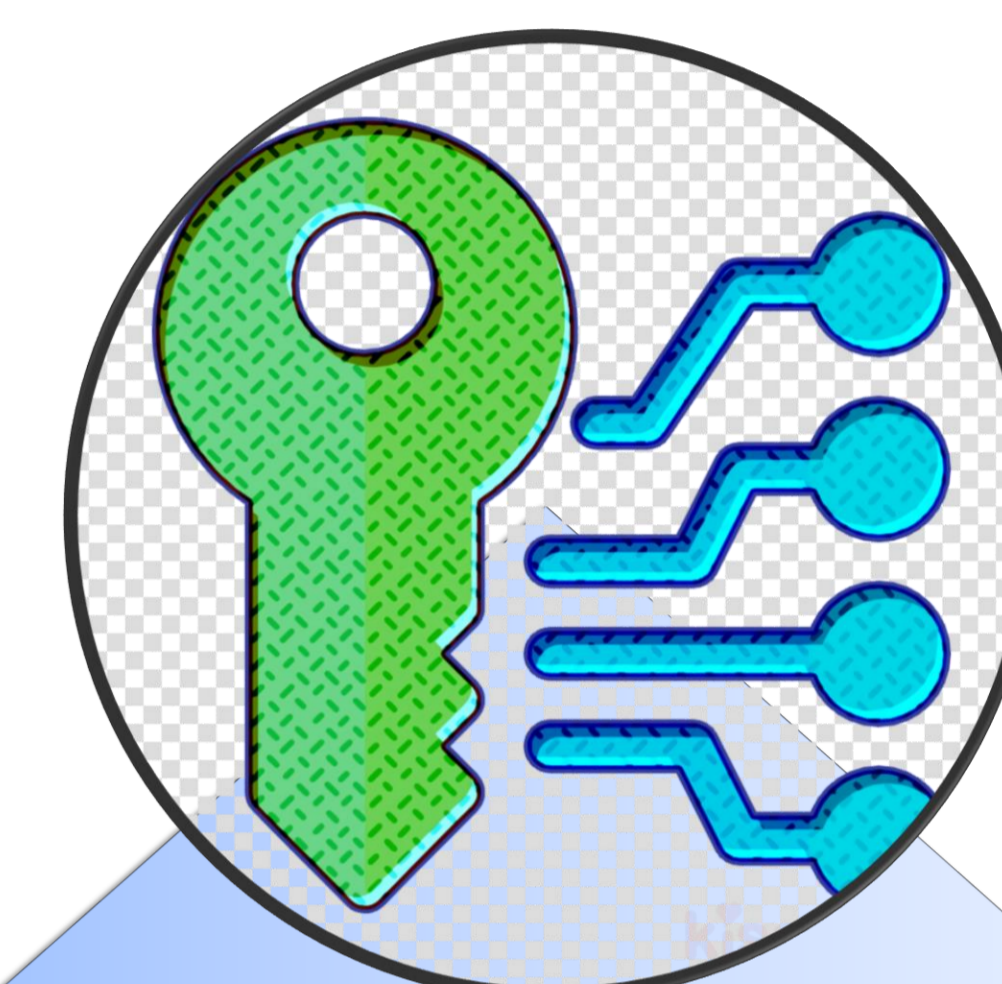


Lactose is an organic compound, a carbohydrate found in milk. Dairy foods are popular for their pleasant taste and for their contribution in maintaining and improving consumer's health. Lactose is present in 3 main forms, lactulose, lactitol, lactobionic acid, used in medical treatment.

## Purpose



The goal of the study is the actualization and enriching of knowledge via lactose intolerance, also about its role in deregulation in body's function and the adequate treatment.



## Keywords

- Lactose
- Lactitol
- Lactulose

## Results

Forms of intolerance	The quality of tolerated lactose per day
light intolerance	8-10 grams
medium intolerance	due to 1 gram
severe form	absolute lack of tolerance



Judging by the enzymatic deficiency there are 3 main forms of lactose intolerance

primary

secondary

congenital



## Conclusion

Lactose intolerance is not just a simple state of discomfort, but an inflammatory syndrome that affects the adequate function of digestive, immune and endocrine system. The diagnose made on time, and the approach of a healthy lifestyle could prevent the possible complications.

## Material and methods



University literature, and auxiliary literature  
Advanced Dairy Chemistry : by P. F. Fox.

National and international statistical



Scientific works